

COUPP 2I SNOLAB Phase 1 Hazard Analysis

Activity	Hazard	Mitigation
Mechanical Installation:	Lifting computer, UPS, etc	Heavy items on bottom of racks Lift with legs – two people where appropriate
	Pinch Hazards (relay rack, heavy items)	Communicate prior to lifting
Instrumentation wiring and cabling – all done with power off	None (due to power off)	
Stepwise electrical turn on	None	
Heater/Chiller Operation	Temperature excursion	Builtin temperature limits and use of water in the bath rather than water+glycol
Hydraulic Cart Commissioning Steps:		
Charge Accumulator Tanks	Compressed air, glycol spray	Tyvek suits, chemical goggles, gloves, appropriate respirators
Pressure Vessel Glycol fill	Compressed air, glycol spray	Tyvek suits, chemical goggles, gloves, appropriate respirators
Hydraulic Cart Glycol Fill	Compressed air, glycol spray	Tyvek suits, chemical goggles, gloves, appropriate respirators
Hydraulic Cart Compressed Air Startup	Compressed air	Goggles
Exercising Hydraulic Cart	Pinch point on worm gear	Guard on worm gear